

# C.D.P.

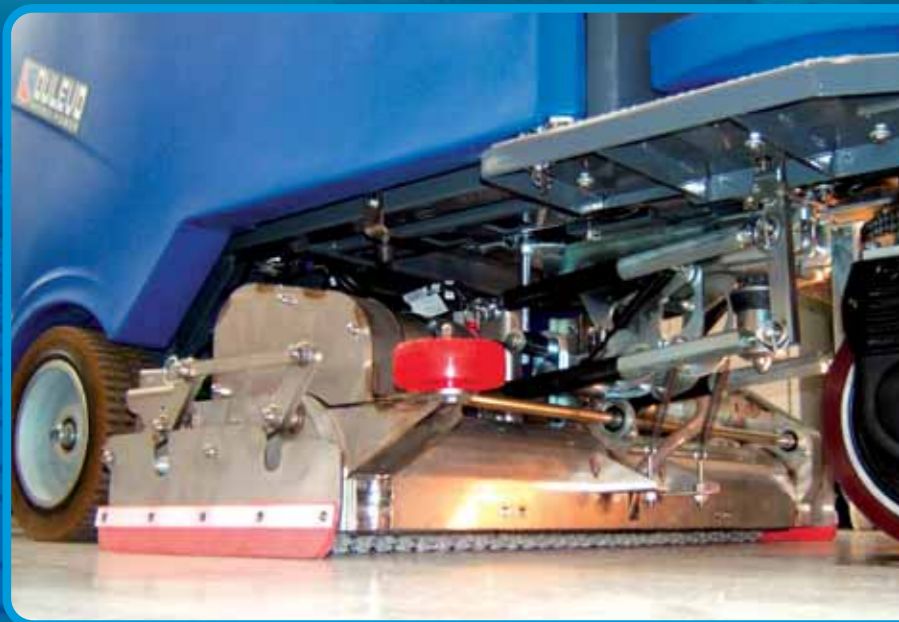
• **C.D.P. System: the constant pressure system.**

This exclusive system is designed to keep a constant brush pressure. Thanks to a quick reaction mechanical system, the scrub head keeps the pressure adjustment in uneven floors. This system has the benefit to avoid motors stress without losing efficiency and without using any electronic device.

3 pressure levels for the model 1020R > 55/75/90 kg  
for the model 1020 > 55/75/90 kg  
for the model 1220 > 60/80/100 kg

• **Head brush.**

An industrial standard that guarantees a great power thanks to the powerful motors installed on the steady brush head. The machine is available in 3 versions: with disc brushes (scrubbing path of 1000 mm and 1200 mm) and with roller brushes (scrubbing path of 1000 mm).



**Disc brushes head.**

Three motors of 550 W each. The scrub head retracts in case of side impact. The side rubber bands features self adjusting and automatic lifting system in case of shock. No tools, brushes change.

**Cylindrical brushes head.**

Two motors of 1200 W each, two cylindrical brushes installed on a massive stainless steel structure, with 11 lt. debris case. No tools, brushes change.



HYDRO POWER

STREET CLEANING EQUIPMENT

## Design and technology for a cleaner world.



passion for technology.

**DULEVO INTERNATIONAL**  
Via Guareschi, 1 43012 Fontanellato (Parma) Italia  
T+39 0521 827711 F+39 0521 827795  
info@dulevo.com

[www.dulevo.com](http://www.dulevo.com)



# 1020/1020R/1220

pure expression of power.



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SPESON

Specifications are not binding for our company and subject to change at any time without notice.



# 1020/1220

## • Perfect balance between performances and design

The Dulevo Hydro Power scrubbers 1020 R, 1020 and 1220 are the best solution for commercial areas such as supermarkets and airports, but even for all industrial applications such as warehouses, load/unload areas, etc. Costs efficiency is the added value of this range. Robust and compact steel chassis, rotational of excellent design, selected components made for industrial applications, unique design for an ergonomic supremacy, fast controls and productivity, thanks to wide inspection hollows, and the possibility to choose between disc and roller brushes, make these scrubbers comfortable and able to face every kind of work.

## • The Productivity of a Leader

Scrubbing path from 1000 mm to 1200 mm, with a solution tank of 250 Lt. Able to work in the larger industrial areas, thanks to an autonomy of operation up to 7 hours (a battery run time up to 7 hours). Productivity up to 8640 sqm/h. Wide battery compartment, with possibility to load batteries either from the upper or lateral side. Automatic disconnection at 20% of battery power availability.

## • Traction

Powerful front traction: 1500 W to operate in any kind of situation. Solid rear wheels, equipped with an efficient braking system, are integrated on an industrial chassis which makes these scrubbers steady, safe and highly manouvrable even in narrow spaces.

## Technical features

		1020R	1020	1200
Scrubbing path	mm	1000	1000	1200
Squeegee path	mm	1435	1435	1435
Working capacity	m <sup>2</sup> /h	7000	7000	8640
Solution tank	Lt	250	250	250
Recovery tank	Lt	270	270	270
Tank material		Polyethylene	Polyethylene	Polyethylene
Nr./diameter brushes	Nr/mm	2/150	2/510	3/430
Maximum brush pressure	Kg	90	90	100
Brushes motor/ power	Nr/W	2/1200	2/550	3/550
Vacuum motor/ power	Nr/W	2/650	2/650	2/650
Vacuum capacity	Mm/H:0	1800	1800	1800
Traction maximum power	W	1500	1500	1500
Speed	Km/h	7	7	7
Voltage	V	36	36	36
Battery (gel)	Ah	480 (420)	480 (420)	480 (420)
Width	mm	2060	2060	2060
Length	mm	1058	1058	1270
Height	mm	1750	1750	1750
Weight (without batteries)	Kg	500	496	512

## • Tanks

### Overturning solution tank

The solution tank has a capacity of 250 Lt, with an overturning system for an easier cleaning and maintenance.

### Recovery tank

The recovery tank is placed inside the solution tank and has a capacity of 270 Lt. Great capacity and weight perfectly balanced. Easy access from top and bottom sides thanks to wide opening. 40 mm Ø discharge hose.

### LR System

Consists inefficient recycling system in the recovery tank. This system enhances working autonomy for reaching a 40% better productivity avoiding to stop working to dump and load water.

## • Enhanced squeegee system

The squeegee relays a very efficient vacuum system. Rubber blades replacement and adjustment can be made without any tool. An innovating lifting – lowering system optimizes the pressure and makes the squeegee lifting quicker when the machine shift to reverse gear.

## • Premium comfort

Comfortable and adjustable seat, very large space for legs. Ergonomic seat which guarantees comfortable driving position to every operator. Large and intuitive control panel, equipped with the "one-touch" button. Thermal switches positioned on the panel.



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